



VECTOR

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Model: V15/20/24 Pro-AS

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V15/20/24 Pro-AS User Manual

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Overview

1.1 Equipment Overview

Thank you for choosing our manual V Pro-AS series heat transfer machine! Please read this manual carefully before use to ensure proper operation. Keep this manual in a safe place for future reference. Due to different configurations, some models may not have all the functions listed in this manual; please refer to your specific machine's functionality.

1.2 Safety Precautions

NOTICE



The manufacturer is not responsible for damage, injury, production loss, or other losses caused by improper operation, unauthorized modification, incorrect installation, incompatible parts, or service by unqualified personnel.

1.3 Operating Environment

- Indoor, dry, clean, and well-ventilated location.
- Operating / Storage Temperature: 41°F–104°F.
- Relative Humidity: 30%–90%, non-condensing.
- Stable, level, heat-resistant work surface.
- Keep away from water, excessive dust, corrosive gases, flammable materials, and explosive vapors.

1.4 Grounding & Technical Parameters

1.4-1 Grounding Requirements:

To prevent electric shock or fire caused by leakage, overvoltage, or insulation failure, please ensure the equipment is reliably grounded.

1.4-2 Technical Parameters:

Model No.	V1515Pro-AS	V1620Pro-AS	V1624Pro-AS
Controller	GY-06	GY-06	GY-06
Amp\Voltage\ Power\Phase	12.5A\120V\1500W, 60HZ	14.2A\120V\1700W, 60HZ	14.2A\120V\1700W, 60HZ
Time Range (S)	0 – 999	0 – 999	0 – 999
Temperature Range (°F)	0 – 446	0 – 446	0 – 446
Heating Plate Size (In)	14.9 * 14.9	15.7 * 19.6	15.7 * 23.6

Appearance and Functions

2.1 Exterior View



V1515Pro-AS: 15×15



V1515Pro-AS: 16×20



V1515Pro-AS: 16×24

EasyFit Platens



(Please refer to the images in your original document for labels 1 through 7.)



2.2 Component Names and Functions

1. **GY-06 Temperature Controller:** Controls machine heating and heat transfer;
2. **Fuse:** Cuts off the machine power when the current rises abnormally;
3. **Power Cord:** Supplies power to the entire machine;
4. **Power Switch:** Turns the machine power on and off;
5. **Magnetic Switch:** Triggers the GY-06N controller to start the countdown;
6. **Emergency Stop Switch:** Press during the transfer process to automatically open the heating platen and stop operation;
7. **Pressure Adjustment Knob:** Adjusts the pressure during heat transfer.

2.3 Operation

Operating Steps:

1. Based on the machine's voltage requirements, plug the power cord 【3】 into an AC 120V power outlet and turn on the power switch 【4】 ;

2. Pull out the lower platen, place the material to be transferred onto it, and slide it back into position;

3. ● When the heating platen reaches the set temperature for the first time, a "BB" beep will sound. Use both hands to press down the heating platen to start the temperature controller's transfer process:

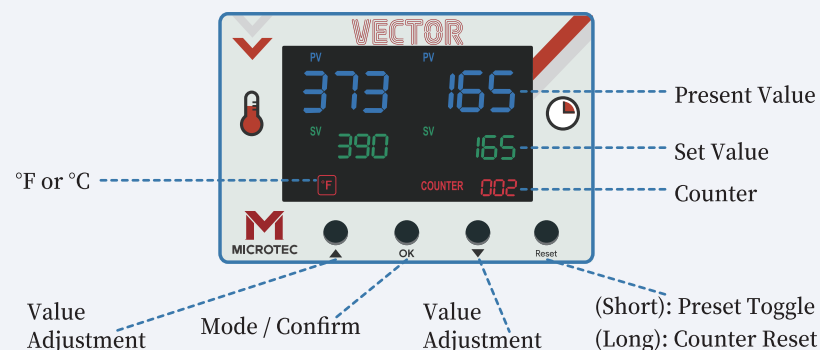
The buzzer will beep once ("B"), and the "Prepress Time" countdown will begin. When the countdown reaches 0, the buzzer will sound, the countdown ends, and the heating platen will automatically lift up to complete the transfer. The cycle counter in the bottom right corner will not count.

● Place the material to be transferred onto the lower platen again, and press down the heating platen using both hands. The buzzer will beep once ("B"), and the "Press Time" countdown will begin. When the countdown reaches 0, the buzzer sounds, the countdown ends, and the heating platen automatically lifts up to complete the transfer. The cycle counter in the bottom right corner increments by 1 to "0001".

The two countdown timers cycle consecutively. You can set "Prepress Time" to 0 to only use "Press Time";

4. On the main interface, press and hold the "RESET" key for 2 seconds until "Counter" flashes. After 5 seconds, the current count value will reset to 0000.

GY-O6 Digital Controller Introduction



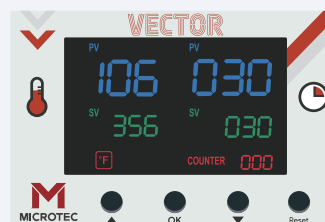
Present Value (PV): The left PV shows the current temperature of the heating element, while the right PV shows its current time.

Set Value (SV): The left SV displays the set temperature, and the right SV displays the set time.

COUNTER: The "COUNTER" on the bottom right shows the number of transfer cycles. It can range from 0 to 999. Press "Reset" for 5 seconds to make counter return 0.

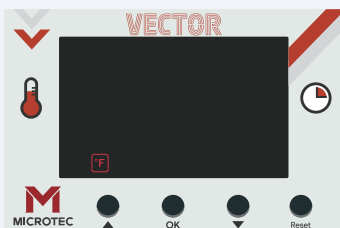
°F represents Fahrenheit, and °C represents Celsius. (The adjustable range for Fahrenheit is 0-437, and for Celsius, it is 0-255)

OK, Reset, "▲" and "▼" are the setting buttons.

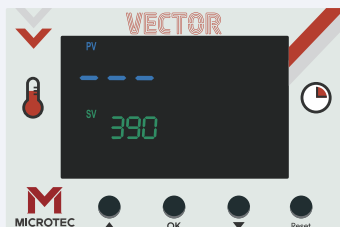


Turn on the power switch, and the digital controller will turn on. The upper row display the actual temperature and time, while the lower row shows the set temperature and time.

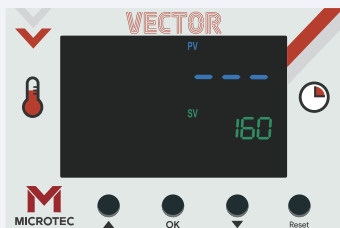
GY-06 Digital Controller Operation



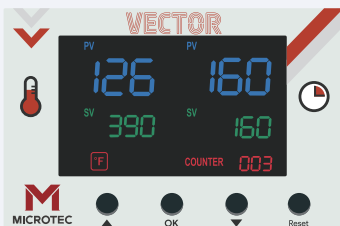
°F or °C: Press the "OK" button. Use "▲" and "▼" to switch between "°F", or "°C". Press the "OK" button to move to the next screen.



Temperature setting: Use the "▲" and "▼" buttons to set your desired temperature. Press "OK" to move to the next screen.



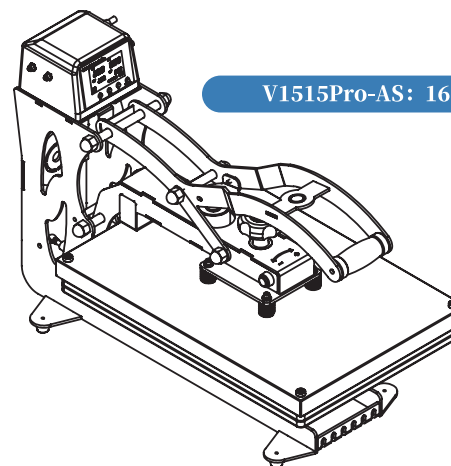
Time setting: Use the "▲" and "▼" buttons to set your desired time. Press "OK" to move to the next screen.



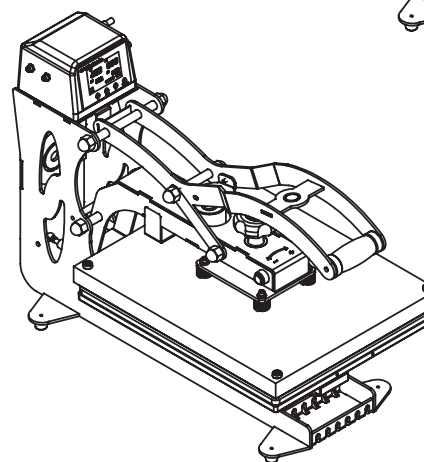
The new temperature and time settings will be shown under SV. Once the desired temperature is reached, a beep will sound, indicating that the heat press is ready.

External Equipment Dimensions

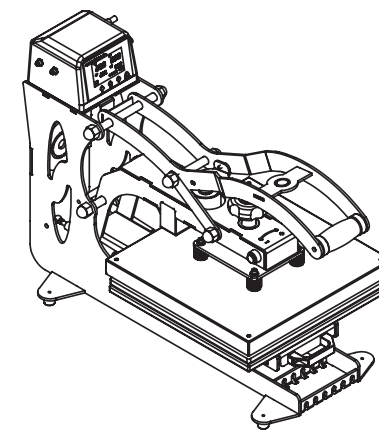
(Refer to the technical drawings in your original document for specific measurements.)



V1515Pro-AS: 16×24

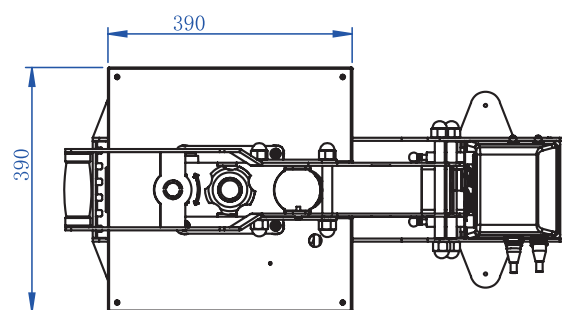
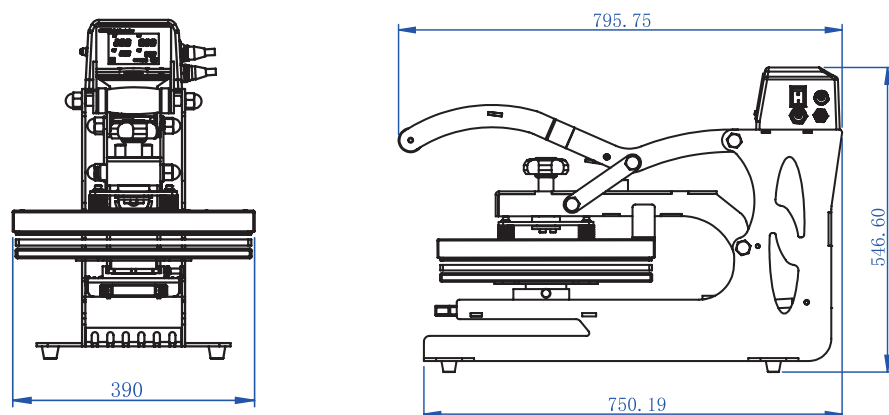


V1515Pro-AS: 16×20

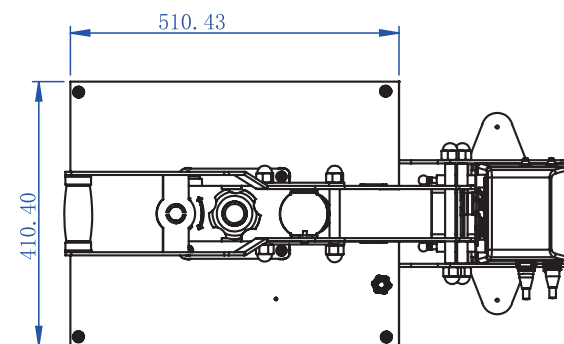
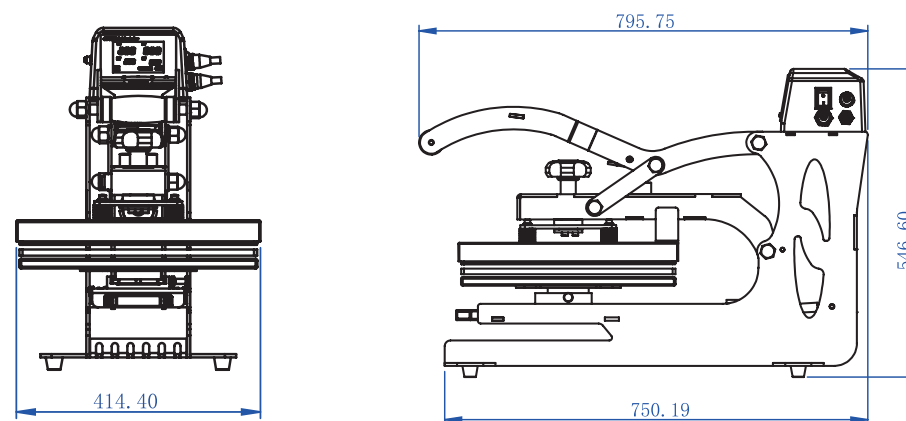


V1515Pro-AS: 15×15

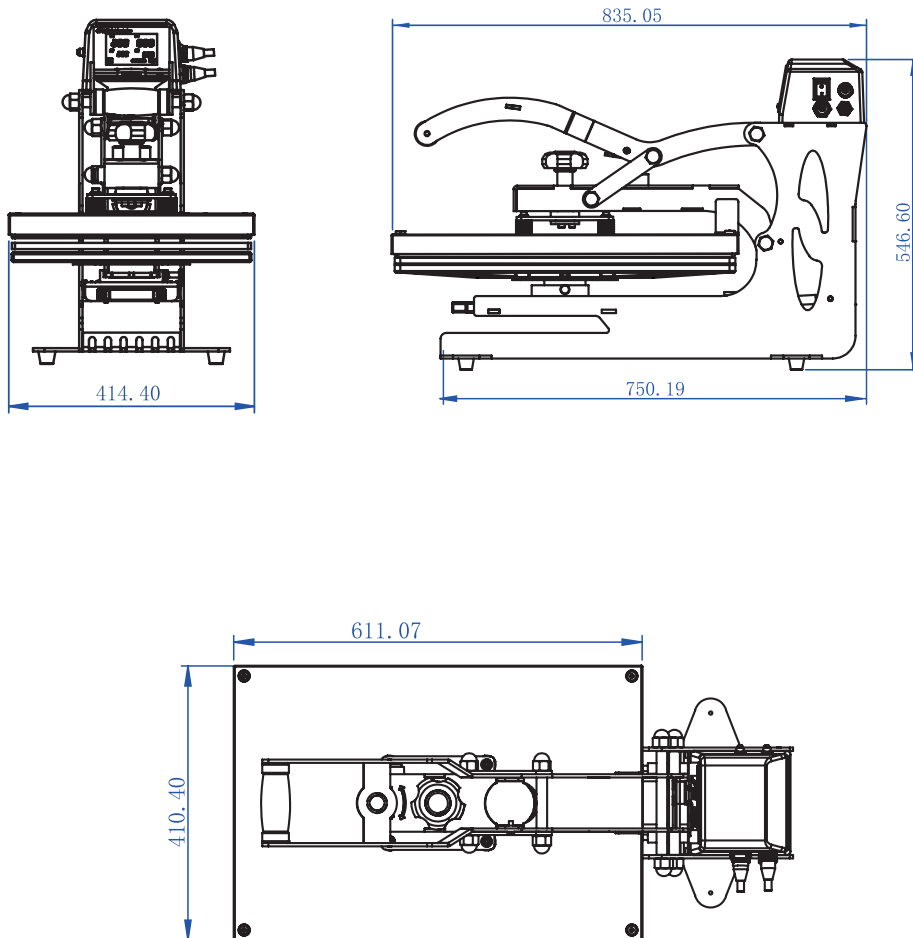
1. The following dimensional diagram applies to model: **V1515Pro-AS**



2. The following dimensional diagram applies to model: **V1620Pro-AS**



3. The following dimensional diagram applies to model: V1624Pro-AS



Circuit Diagram

(Refer to your original document for the diagram layout.)

